IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) A method for reciprocal adaptation of a plurality of microphones of a hearing device, comprising the steps of:

receiving incoming audio signals respectively with a plurality of microphones, with each microphone generating an output signal dependent on the audio signals received by that microphone, said microphones having respectively different sensitivities such that a difference exists between a first output signal from a first of said plurality of microphones and a second output signal from a second of said plurality of microphones;

measuring a first amplitude of said first output signal in a predetermined frequency range;

measuring a second amplitude of said second output signal in said predetermined frequency range; and

reducing said difference by filtering said first output signal dependent on said first amplitude and on said second amplitude in a filter by multiplying filtering said first output signal with a transfer function of said filter having a numerator polynomial and a denominator polynomial, and in a feedback regulation loop containing said filter, varying only said numerator polynomial in said feedback regulation loop to equalize said first and second amplitudes.

2. (Original) A method as claimed in claim 1 comprising employing at least one frequency band below 150 Hz as said predetermined frequency range.

3. (Original) A method as claimed in claim 1 comprising employing at least one frequency band selected from the group consisting of a frequency band between 40 and 60 Hz and a frequency band between 80 and 120 Hz as said predetermined frequency range.

Claims 4-7 have been cancelled.

4. -7. (Cancelled).

8. (Original) A method as claimed in claim 1 wherein said first output signal has a magnitude and a phase, and comprising filtering said first output signal to modify at least one of said magnitude and said phase.

Claim 9 has been amended as follows:

9. (Currently amended) A hearing device comprising

a plurality of microphones ~~for receiving~~ that receive incoming audio signals, each microphone generating an output signal dependent on the audio signals received by that microphone, said microphones having respectively different sensitivities such that a difference exists between a first output signal from a first of said plurality of microphones and a second output signal from a second of said plurality of microphones;

a first measurement unit ~~measuring~~ that measures a first amplitude of said first output signal in a predetermined frequency range;

a second measurement unit ~~measuring~~ that measures a second amplitude of said second output signal in said predetermined frequency range; and

a filter and a feedback regulation loop containing said filter that reduce ~~for reducing~~ said difference by filtering said first output signal dependent on said first amplitude and on said second amplitude by multiplying

said first output signal with a transfer function of said filter having a numerator polynomial and a denominator polynomial and, in said feedback regulation loop, varying only said numerator polynomial

10. (Original) A device as claimed in claim 9 wherein said first and second measurement units respectively measure said first and second amplitudes in at least one frequency band below 150 Hz as said predetermined frequency range.

11. (Original) A device as claimed in claim 9 wherein said first and second measurement units respectively measure said first and second amplitudes in at least one frequency band selected from the group consisting of a frequency band between 40 and 60 Hz and a frequency band between 80 and 120 Hz as said predetermined frequency range.

Claims 12-15 have been cancelled.

12. - 15. (Cancelled).

16. (Original) A device as claimed in claim 9 wherein said first output signal has a magnitude and a phase, and wherein said filter filters said first output signal to modify at least one of said magnitude and said phase.